DSM Design Group, LLC - Mitigation Work Summary

OFFSITE MITIGATION WORK

Credits

Estimated Cost

(ft)

Credits

Stream Design

Length (ft)

Credits

Cost

Credits

Offsite

Cost

Cost

/Credit

Mitigation

Type

Location

(ft)

(ft)

District

Mobile	Area/Bank	Blackwater Creek Area		12,500	1,490	13,990	103,650	155,475	\$ 10,105,875	13,990			103,650	\$ 3,109,500	
Mobile	Area	Cane Creek Area		6,844	3,481	10,325	80,497	120,746	\$ 7,848,458	10,325			80,497	\$ 2,012,425	\$ 25.00
Mobile	Bank	Lost Creek Area		1,900	9,100	14,000	99,898	149,847	\$ 9,740,055	11,000			99,898	\$ 3,496,430	\$ 35.00
Mobile	Area or Bank	Poley Creek Area		8,498	6,983	15,481	126,136	189,204	\$ 12,298,260	15,481			Not Set	Not Set	Not Set
Mobile	On & Offsite	Old Union Area			2,875	2,875	3,881	5,822	\$ 349,290	2,875			3,881	\$ 30,000	\$ 7.73
l		TOTAL		29,742	21,054	53,796	410,181	615,272	\$ 39,992,648	50,796			284,045	\$ 8,618,355	1
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	ONSITE MITIGATION WORK														
USACE	Mitigation	Site	Ephemeral	Intermittent	Perinial	Total	Site	Nearest Bank	Nearest Bank	Stream Design	Onsite	Onsite	Offsite	Offsite	Cost
District	Type	Location	(ft)	(ft)	(ft)	(ft)	Credits	Credits	Estimated Cost	Length (ft)	Credits	Cost	Credits	Cost	/Credit
Mobile	On & Offsite	Old Union Area	48,734	31,083	(1-5)	79,817	131,455		\$ 11,807,288	31,083		\$ 1,700,000	0.00.00		\$ 12.93
Nashville	Onsite	Posey Mill Area	13,616	30,103		43,719	51,352	51,352	\$ 20.540.800	43,719		\$ 1.980.000			\$ 38.56
Nashville	Onsite	Little Dice Branch Area	1,100	1,980		3.080	2.737	2.737	\$ 1.094.800	2.380	2.737	\$ 125,000			\$ 45.67
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l		TOTAL	63,450	63,166		126,616	185,544	250,877	\$ 33,442,888	77,182	185.544	\$ 3,805,000		I	1 1
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USACE	Mitigation	Site	Ephemeral	Intermittent	Perennial	Total	Site	Nearest Bank	Nearest Bank	Stream Design	Onsite	Onsite	Offsite	Offsite	Cost
District	Type	Location	(ft)	Intermittent (ft)		Total (ft)	Site Credits	Nearest Bank Credits	Nearest Bank Estimated Cost		Onsite Credits	Onsite Cost	Offsite Credits	Offsite Cost	/Credit
District Mobile	Type Bank Purchase	Location Gooden Creek Area	(ft) 31,301	Intermittent (ft) 6,064	Perennial	Total (ft) 37,365	Site Credits 23,893	Nearest Bank Credits 25,805	Nearest Bank Estimated Cost \$ 1,677,325	Stream Design					/Credit \$ 65.00
District Mobile Mobile	Type Bank Purchase Bank Purchase	Location Gooden Creek Area Gooden Creek Area	(ft) 31,301 2,995	Intermittent (ft) 6,064 883	Perennial	Total (ft) 37,365 3,878	Site Credits 23,893 3,924	Nearest Bank Credits 25,805 4,238	Nearest Bank Estimated Cost \$ 1,677,325 \$ 275,470	Stream Design					/Credit \$ 65.00 \$ 65.00
Mobile Mobile Mobile	Type Bank Purchase Bank Purchase Bank Purchase	Location Gooden Creek Area Gooden Creek Area New River Area	(ft) 31,301 2,995	Intermittent (ft) 6,064 883 5,987	Perennial	Total (ft) 37,365 3,878 5,987	Site Credits 23,893 3,924 23,611	Nearest Bank Credits 25,805 4,238 25,499	Nearest Bank Estimated Cost \$ 1,677,325 \$ 275,470 \$ 1,657,435	Stream Design					/Credit \$ 65.00 \$ 65.00 \$ 65.00
District Mobile Mobile	Type Bank Purchase Bank Purchase	Location Gooden Creek Area Gooden Creek Area	(ft) 31,301 2,995 - 5,660	Intermittent (ft) 6,064 883 5,987 3,360	Perennial	Total (ft) 37,365 3,878	Site Credits 23,893 3,924 23,611 14,027	Nearest Bank Credits 25,805 4,238 25,499 15,570	Nearest Bank Estimated Cost \$ 1,677,325 \$ 275,470 \$ 1,657,435 \$ 1,012,050	Stream Design					/Credit \$ 65.00 \$ 65.00 \$ 65.00 \$ 65.00
Mobile Mobile Mobile	Type Bank Purchase Bank Purchase Bank Purchase Bank Purchase Bank Purchase	Location Gooden Creek Area Gooden Creek Area New River Area Shoal Creek Area UT to Bear Creek Area	(ft) 31,301 2,995 - 5,660 1,692	Intermittent (ft) 6,064 883 5,987 3,360 332	Perennial	Total (ft) 37,365 3,878 5,987 9,020 2,024	Site Credits 23,893 3,924 23,611 14,027 713	Nearest Bank Credits 25,805 4,238 25,499 15,570 713	Nearest Bank Estimated Cost \$ 1,677,325 \$ 275,470 \$ 1,657,435 \$ 1,012,050 \$ 285,200	Stream Design					/Credit \$ 65.00 \$ 65.00 \$ 65.00 \$ 65.00 \$ 400.00
Mobile Mobile Mobile Mobile Mobile	Type Bank Purchase Bank Purchase Bank Purchase Bank Purchase	Location Gooden Creek Area Gooden Creek Area New River Area Shoal Creek Area	(ft) 31,301 2,995 - 5,660	Intermittent (ft) 6,064 883 5,987 3,360	Perennial	Total (ft) 37,365 3,878 5,987 9,020	Site Credits 23,893 3,924 23,611 14,027	Nearest Bank Credits 25,805 4,238 25,499 15,570	Nearest Bank Estimated Cost \$ 1,677,325 \$ 275,470 \$ 1,657,435 \$ 1,012,050	Stream Design					/Credit \$ 65.00 \$ 65.00 \$ 65.00 \$ 65.00
District Mobile Mobile Mobile Mobile Mobile Nashville	Type Bank Purchase Bank Purchase Bank Purchase Bank Purchase Bank Purchase	Location Gooden Creek Area Gooden Creek Area New River Area Shoal Creek Area UT to Bear Creek Area Davis Mill Dam Area	(ft) 31,301 2,995 - 5,660 1,692 9,223	Intermittent (ft) 6,064 883 5,987 3,360 332 21,073	Perennial	Total (ft) 37,365 3,878 5,987 9,020 2,024 30,296	Site Credits 23,893 3,924 23,611 14,027 713 38,527	Nearest Bank Credits 25,805 4,238 25,499 15,570 713 38,527	Nearest Bank Estimated Cost \$ 1,677,325 \$ 275,470 \$ 1,657,435 \$ 1,012,050 \$ 285,200 \$ 15,410,800	Stream Design					/Credit \$ 65.00 \$ 65.00 \$ 65.00 \$ 65.00 \$ 400.00
District Mobile Mobile Mobile Mobile Mobile Nashville	Type Bank Purchase Bank Purchase Bank Purchase Bank Purchase Bank Purchase	Location Gooden Creek Area Gooden Creek Area New River Area Shoal Creek Area UT to Bear Creek Area	(ft) 31,301 2,995 - 5,660 1,692	Intermittent (ft) 6,064 883 5,987 3,360 332	Perennial	Total (ft) 37,365 3,878 5,987 9,020 2,024	Site Credits 23,893 3,924 23,611 14,027 713	Nearest Bank Credits 25,805 4,238 25,499 15,570 713	Nearest Bank Estimated Cost \$ 1,677,325 \$ 275,470 \$ 1,657,435 \$ 1,012,050 \$ 285,200 \$ 15,410,800	Stream Design					/Credit \$ 65.00 \$ 65.00 \$ 65.00 \$ 65.00 \$ 400.00
District Mobile Mobile Mobile Mobile Mobile Nashville	Type Bank Purchase Bank Purchase Bank Purchase Bank Purchase Bank Purchase	Location Gooden Creek Area Gooden Creek Area New River Area Shoal Creek Area UT to Bear Creek Area Davis Mill Dam Area	(ft) 31,301 2,995 - 5,660 1,692 9,223	Intermittent (ft) 6,064 883 5,987 3,360 332 21,073	Perennial	Total (ft) 37,365 3,878 5,987 9,020 2,024 30,296	Site Credits 23,893 3,924 23,611 14,027 713 38,527	Nearest Bank Credits 25,805 4,238 25,499 15,570 713 38,527	Nearest Bank Estimated Cost \$ 1,677,325 \$ 275,470 \$ 1,657,435 \$ 1,012,050 \$ 285,200 \$ 15,410,800	Stream Design					/Credit \$ 65.00 \$ 65.00 \$ 65.00 \$ 65.00 \$ 400.00
District Mobile Mobile Mobile Mobile Mobile Nashville	Type Bank Purchase Bank Purchase Bank Purchase Bank Purchase Bank Purchase	Location Gooden Creek Area Gooden Creek Area New River Area Shoal Creek Area UT to Bear Creek Area Davis Mill Dam Area	(ft) 31,301 2,995 - 5,660 1,692 9,223	Intermittent (ft) 6,064 883 5,987 3,360 332 21,073	Perennial	Total (ft) 37,365 3,878 5,987 9,020 2,024 30,296	Site Credits 23,893 3,924 23,611 14,027 713 38,527	Nearest Bank Credits 25,805 4,238 25,499 15,570 713 38,527	Nearest Bank Estimated Cost \$ 1,677,325 \$ 275,470 \$ 1,657,435 \$ 1,012,050 \$ 285,200 \$ 15,410,800	Stream Design					/Credit \$ 65.00 \$ 65.00 \$ 65.00 \$ 65.00 \$ 400.00
District Mobile Mobile Mobile Mobile Mobile Nashville	Type Bank Purchase Bank Purchase Bank Purchase Bank Purchase Bank Purchase	Location Gooden Creek Area Gooden Creek Area New River Area Shoal Creek Area UT to Bear Creek Area Davis Mill Dam Area	(ft) 31,301 2,995 - 5,660 1,692 9,223	Intermittent (ft) 6,064 883 5,987 3,360 332 21,073	Perennial	Total (ft) 37,365 3,878 5,987 9,020 2,024 30,296	Site Credits 23,893 3,924 23,611 14,027 713 38,527	Nearest Bank Credits 25,805 4,238 25,499 15,570 713 38,527	Nearest Bank Estimated Cost \$ 1,677,325 \$ 275,470 \$ 1,657,435 \$ 1,012,050 \$ 285,200 \$ 15,410,800	Stream Design					/Credit \$ 65.00 \$ 65.00 \$ 65.00 \$ 65.00 \$ 400.00
District Mobile Mobile Mobile Mobile Mobile Nashville	Type Bank Purchase Bank Purchase Bank Purchase Bank Purchase Bank Purchase	Location Gooden Creek Area Gooden Creek Area New River Area Shoal Creek Area UT to Bear Creek Area Davis Mill Dam Area	(ft) 31,301 2,995 - 5,660 1,692 9,223	Intermittent (ft) 6,064 883 5,987 3,360 332 21,073	Perennial (ft)	Total (ft) 37,365 3,878 5,987 9,020 2,024 30,296 88,570	Site Credits 23,893 3,924 23,611 14,027 713 38,527	Nearest Bank Credits 25,805 4,238 25,499 15,570 713 38,527	Nearest Bank Estimated Cost \$ 1,677,325 \$ 275,470 \$ 1,657,435 \$ 1,012,050 \$ 285,200 \$ 15,410,800 \$ 20,318,280	Stream Design					/Credit \$ 65.00 \$ 65.00 \$ 65.00 \$ 65.00 \$ 400.00
District Mobile Mobile Mobile Mobile Mobile Nashville Nashville	Type Bank Purchase Bank Purchase Bank Purchase Bank Purchase Bank Purchase Bank Purchase	Location Gooden Creek Area Gooden Creek Area New River Area Shoal Creek Area UT to Bear Creek Area Davis Mill Dam Area	(ft) 31,301 2,995 - 5,660 1,692 9,223	Intermittent (ft) 6,064 883 5,987 3,360 332 21,073 37,699	Perennial (ft)	Total (ft) 37,365 3,878 5,987 9,020 2,024 30,296 88,570	Site Credits 23,893 3,924 23,611 14,027 713 38,527 104,695	Nearest Bank Credits 25,805 4,238 25,499 15,570 713 38,527 110,352	Nearest Bank Estimated Cost \$ 1,677,325 \$ 275,470 \$ 1,657,435 \$ 1,012,050 \$ 285,200 \$ 15,410,800 \$ 20,318,280 \$	Stream Design Length (ft)	Credits	Cost	Credits	Cost	/Credit \$ 65.00 \$ 65.00 \$ 65.00 \$ 65.00 \$ 400.00
District Mobile Mobile Mobile Mobile Mobile Nashville Nashville	Type Bank Purchase	Location Gooden Creek Area Gooden Creek Area New River Area Shoal Creek Area UT to Bear Creek Area Davis Mill Dam Area TOTAL	(ft) 31,301 2,995 - 5,660 1,692 9,223 50,871	Intermittent (ft) 6,064 883 5,987 3,360 332 21,073 37,699 Intermittent	Perennial (ft)	Total (ft) 37,365 3,878 5,987 9,020 2,024 30,296 88,570	Site Credits 23,893 3,924 23,611 14,027 713 38,527 104,695	Nearest Bank Credits 25,805 4,238 25,499 15,570 713 38,527 110,352	Nearest Bank Estimated Cost \$ 1,677,325 \$ 275,470 \$ 1,012,050 \$ 285,200 \$ 15,410,800 \$ 20,318,280 \$	Stream Design Length (ft)	Credits	Cost	Credits	Cost	/Credit \$ 65.00 \$ 65.00 \$ 65.00 \$ 65.00 \$ 400.00
District Mobile Mobile Mobile Mobile Mobile Nashville Nashville	Type Bank Purchase Bank Purchase Bank Purchase Bank Purchase Bank Purchase Bank Purchase	Location Gooden Creek Area Gooden Creek Area New River Area Shoal Creek Area UT to Bear Creek Area Davis Mill Dam Area	(ft) 31,301 2,995 - 5,660 1,692 9,223	Intermittent (ft) 6,064 883 5,987 3,360 332 21,073 37,699	Perennial (ft)	Total (ft) 37,365 3,878 5,987 9,020 2,024 30,296 88,570	Site Credits 23,893 3,924 23,611 14,027 713 38,527 104,695	Nearest Bank Credits 25,805 4,238 25,499 15,570 713 38,527 110,352	Nearest Bank Estimated Cost \$ 1,677,325 \$ 275,470 \$ 1,657,435 \$ 1,012,050 \$ 285,200 \$ 15,410,800 \$ 20,318,280 \$	Stream Design Length (ft)	Credits	Cost	Credits	Cost	/Credit \$ 65.00 \$ 65.00 \$ 65.00 \$ 65.00 \$ 400.00
District Mobile Mobile Mobile Mobile Mobile Nashville Nashville	Type Bank Purchase	Location Gooden Creek Area Gooden Creek Area New River Area Shoal Creek Area UT to Bear Creek Area Davis Mill Dam Area TOTAL	(ft) 31,301 2,995 - 5,660 1,692 9,223 50,871	Intermittent (ft) 6,064 883 5,987 3,360 332 21,073 37,699 Intermittent	Perennial (ft) Perennial (ft)	Total (ft) 37,365 3,878 5,987 9,020 2,024 30,296 88,570	Site Credits 23,893 3,924 23,611 14,027 713 38,527 104,695 SUM Site Credits	Nearest Bank Credits 25,805 4,238 25,499 15,570 713 38,527 110,352	Nearest Bank Estimated Cost \$ 1,677,325 \$ 275,470 \$ 1,657,435 \$ 1,012,050 \$ 285,200 \$ 15,410,800 \$ 20,318,280 \$	Stream Design Length (ft) Stream Design Length (ft)	Credits Onsite Credits	Cost	Credits	Offsite Cost	/Credit \$ 65.00 \$ 65.00 \$ 65.00 \$ 65.00 \$ 65.00 \$ 400.00